

Naman Jain

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EDUCATION

IIIT HYDERABAD

M.TECH IN CSE

August 2020 - Present

CGPA: 9.33 / 10.0

RGPV BHOPAL (AITR)

B.TECH IN CSE

June 2016 - July 2020

CGPA: 8.23 / 10.0

LINKS

github.com/naman14310

www.linkedin.com/in/jain-naman

<https://web.iiit.ac.in/~naman.j>

SKILLS

PROGRAMMING-LANGUAGES AND IT CONSTRUCTS

C/C++ • Data Structures • Python
Machine Learning • Deep Learning

WEB DEV SKILLS

HTML • CSS • Flask • Git • Sockets

PLATFORMS AND LIBRARIES

VS Code • Jupyter Notebook • Keras
Numpy • Pandas • Matplotlib • OpenCV

ACHIEVEMENTS

- Gate'20 CSE : Amongst 97.3 percentile. Qualified for MHRD scholarship.

- Codechef Snackdown 2019 : Secured position amongst Top 500 in world.

- MTA-98364 : Attained a certificate for scoring 96/100 in Microsoft Database Fundamentals exam.

- Write-up : Published a blog entitled "What are Outliers" on Medium's largest active publication "The Startup".

- Earned 4 stars in Problem Solving on Hackerrank.

EXPERIENCE

CODENSCIOUS TECHNOLOGIES | MACHINE LEARNING INTERN

- Programmed and Refined 5+ Deep Learning architectures in python.
- Implemented Regression and Classification algorithms from scratch.
- Worked on Image processing.

PROJECTS

IMAGE INPAINTING USING GAN

- Image Inpainting is the task of filling missing pixels of an image to make the picture realistic looking that follows true context.
- Tech Stack : Python, OpenCV, GAN, Autoencoders

NLP BASED FILL IN THE BLANK TYPE QUESTION SOLVER

- Takes question paper image as an input, extract text using OCR and generate answers for all fill in the blanks type questions present in the given image.
- Tech Stack : Python, OpenCV, NLP, BERT

X-RAY IMAGE CLASSIFICATION USING CNN

- An image classifier to predict whether a person is suffering from pneumonia or not, by analysing chest x-ray images (99% accuracy).
- Tech Stack : Python, Image Processing, CNN

MOVIE REVIEWS SENTIMENT ANALYZER

- It classifies user movie reviews on the basis of positive and negative sentiments in sentences.
- Tech Stack : Python, NLP, Neural Networks

SQL ENGINE

- A database query engine like sql which will run a subset of SQL queries using command line interface
- Tech Stack : Python, SQL

MINI TORRENT - P2P FILE SHARING

- A peer to peer file sharing system where users can parallelly share, download files from the group they belongs to.
- Tech Stack : C++, Multithreading, File handling, Load Balancing

PUBLICATION

RESEARCH PAPER ON CLASSIFICATION OF RBC IMAGES USING DEEP NEURAL NET FOR MALARIA PREDICTION

- Area : ML, Convolutional Neural Network, Image Processing
- Publisher: IRJMETs, Vol 2, Issue 4, April-2020